SpyWolf

Project Audit

Project:

PUMP

June 3, 2022

Overview

This audit has been prepared for **PUMP** to review the main aspects of the project to help investors make an informative decision in the research process.

You will find a a summarized review of the following main key points:

- Contract's source code
- Project and team
- Website
- Social media & online presence

NOTE: We ONLY consider a project safe if they receive our "Certificate of Trust" NFT. This report only points out any potential red flags found in our analysis. Always do your own research before investing in a project.

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Smart Contract Review

The contract review process pays special attention to the following:

- Testing the smart contracts against both common and uncommon vulnerabilities

- Assessing the codebase to ensure compliance with current best practices and industry standards.

- Ensuring contract logic meets the specifications and intentions of the client.

- Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.

- Thorough line-by-line manual review of the entire codebase by industry experts.

"The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal"
- SpyWolf Team

Smart Contract Summary

Contract Name	PUMPToken
Ticker	PMP
Contract	0x91Ebe3E0266B70be6AE41b8944170A27A08E3C2e
Network	Binance Smart Chain
Language	Solidity
Tax	**Buy: 12%** **Sell: 12%** **Transfer: 12%**
Total Supply	100,000,000 PMP
Status	Deployed

Current stats

Burn	No tokens have been burnt
LP Address	Liquidity not added yet
MaxTxAmount	No limit

Issues Checking Status	
Design Logic	**Passed ✓**
Compiler warnings.	**Passed ✓**
Private user data leaks	**Passed ✓**
Timestamp dependence	**Passed ✓**
Integer Overflow and Underflow	**Passed ✓**
Race conditions and Reentrancy. Cross-function race conditions	**Passed ✓**
Possible delays in data delivery	**Passed ✓**
Oracle calls	**Passed ✓**
Front running	**Passed ✓**
DoS with Revert	**Passed ✓**
DoS with block gas limit	**Passed ✓**
Methods execution permissions	**Passed ✓**
Economy model	**Passed ✓**
The impact of the exchange rate on the logic	**Passed ✓**
Malicious Event log	**Passed ✓**
Scoping and Declarations	**Passed ✓**
Uninitialized storage pointers	**Passed ✓**
Arithmetic accuracy	**Passed ✓**
Cross-function race conditions	**Passed ✓**
Safe Zeppelin module	**Passed ✓**
Fallback function security	**Passed ✓**

Featured Wallets

Owner address	0x5fdb03fd8c78a5ff8ded578a9116ce1f895c3962
*Sell fee recipient	0xb880e8fb45a366f09de6729f55a5dce8c03a2b7c
*Buy fee recipient	0xb880e8fb45a366f09de6729f55a5dce8c03a2b7c
*Transfer fee recipient	0xb880e8fb45a366f09de6729f55a5dce8c03a2b7c
LP token address	No liquidity added yet

Top 3 Unlocked Wallets

Wallet 1 (100%)	N/A

*This wallet can be changed by owner

Security Threads

Owner can change buy/sell/transfer fees up to 30% (combined buy+sell=60%).

```solidity
function setFees(uint _buyFee, uint _sellFee, uint _transferFee) external onlyOwner {
    require(
        _buyFee <= 3000,
        'Buy Fee Too High'
    );
    require(
        _sellFee <= 3000,
        'Sell Fee Too High'
    );
    require(
        _transferFee <= 3000,
        'Transfer Fee Too High'
    );

    buyFee = _buyFee;
    sellFee = _sellFee;
    transferFee = _transferFee;

    emit SetFees(_buyFee, _sellFee, _transferFee);
}
```

Smart Contract Summary

File name	Staking Contract
Ticker	StakedPUMP
Contract	0xb90b2E9f230C469F54F063CB40F6D6d3ba960E3E
Network	Binance Smart Chain
Language	Solidity
Tax	**Leave early fee: 5%**
Status	Deployed

Current stats

Reward Token	**XUSD**
Reward token Address	**0x324e8e649a6a3df817f97cddbed2b746b62553dd**
Leave early fee	5%

Security Threads

Owner can change unstaking fee time up to 4 months.
Users who withdraw before unstaking time period end are subjects to fee.

```
function setLockTime(uint256 newLockTime) external onlyOwner {
    require(
        lockTime <= 10**7,
        'Lock Time Too Long'
    );
    lockTime = newLockTime;
    emit SetLockTime(newLockTime);
}
```

Owner can change early unstaking fee up to 10%.

```
function setLeaveEarlyFee(uint256 newEarlyFee) external onlyOwner {
    require(
        newEarlyFee <= 10,
        'Fee Too High'
    );
    leaveEarlyFee = newEarlyFee;
    emit SetEarlyFee(newEarlyFee);
}
```

Owner can withdraw tokens from contract (except for staked tokens).

```
function withdraw(address token_) external onlyOwner {
    require(
        token != token_,
        'Cannot Withdraw Staked Token'
    );
    require(
        IERC20(token_).transfer(
            msg.sender,
            IERC20(token_).balanceOf(address(this))
        ),
        'Failure On Token Withdraw'
    );
}
```

Smart Contract Summary

Contract name	FeeReceiver
Ticker	N/A
Contract	0xB880E8Fb45A366F09dE6729F55a5dcE8C03A2b7c
Network	Binance Smart Chain
Language	Solidity
Tax	N/A
Total Supply	N/A
Status	Deployed

Current stats

Treasury percent	25%
Multisig percent	25%
Reward locker percent	50%
Bounty Percent	1%

Security Threads

Owner can withdraw funds from the contract.

```solidity
function withdraw() external onlyOwner {
    (bool s,) = payable(msg.sender).call{value: address(this).balance}("");
    require(s);
}
function withdraw(address _token) external onlyOwner {
    IERC20(_token).transfer(msg.sender, IERC20(_token).balanceOf(address(this)));
}
```
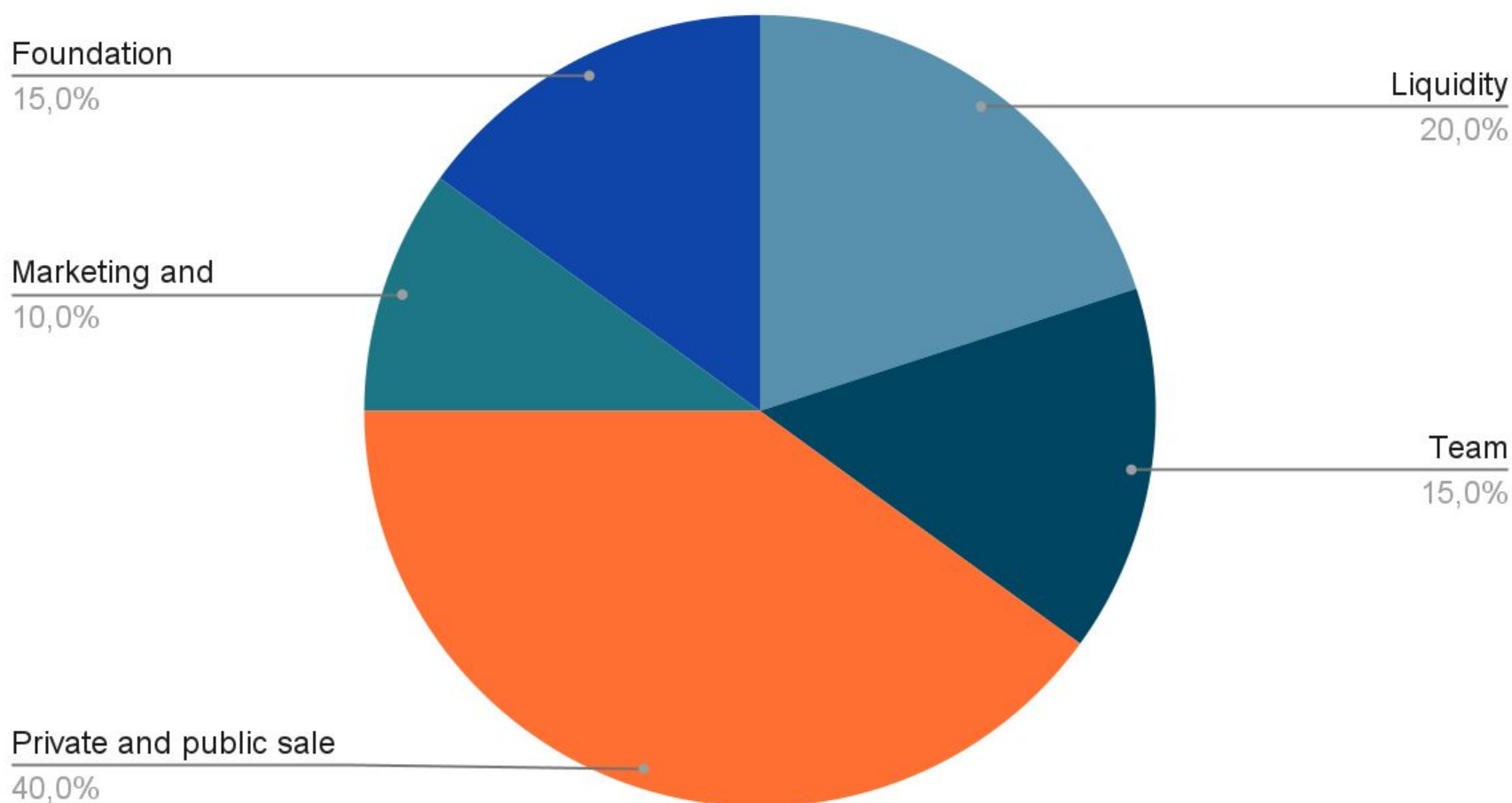
Tokenomics

According to project's website

*Total supply 100,000,000 **$PMP**

- 40% - Private and public sales
- 10% - Marketing and development
- 15% - Foundation

- 20% - Liquidity
- 15% - Team

Tokens distribution

Foundation
15,0%

Liquidity
20,0%

Marketing and
10,0%

Team
15,0%

Private and public sale
40,0%

*Current total supply declared in the contract is 1 Billion

PUMP Project & Team Review

According to their whitepaper, $PMP will be token paired with 50% $xUSD and 25% $BNB and 25% BUSD. Holders of $PMP can benefit from rewards that occurs when there are buys/sells/transfers and also can stake their tokens for rewards. There will also be arbitrage bot.

Team:

Website Analysis

URL: https://www.pumptoken.net/

- **Design:** Single page, smooth template design, pleasant color scheme.
- **Content:** Informative, well structured, no grammar mistakes.
- **Whitepaper:** Explanatory, can be confusing for new investors. ⚠️
- **Roadmap:** Goals set at 3 phases without time frames.
- **Mobile-friendly?** No ⚠️
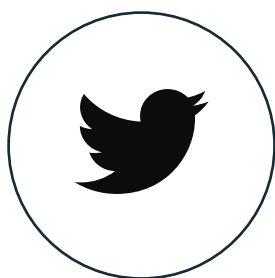- **Technical:** SSL certificate present. General SEO check passed.

pumptoken.net

Social Media & Online Presence

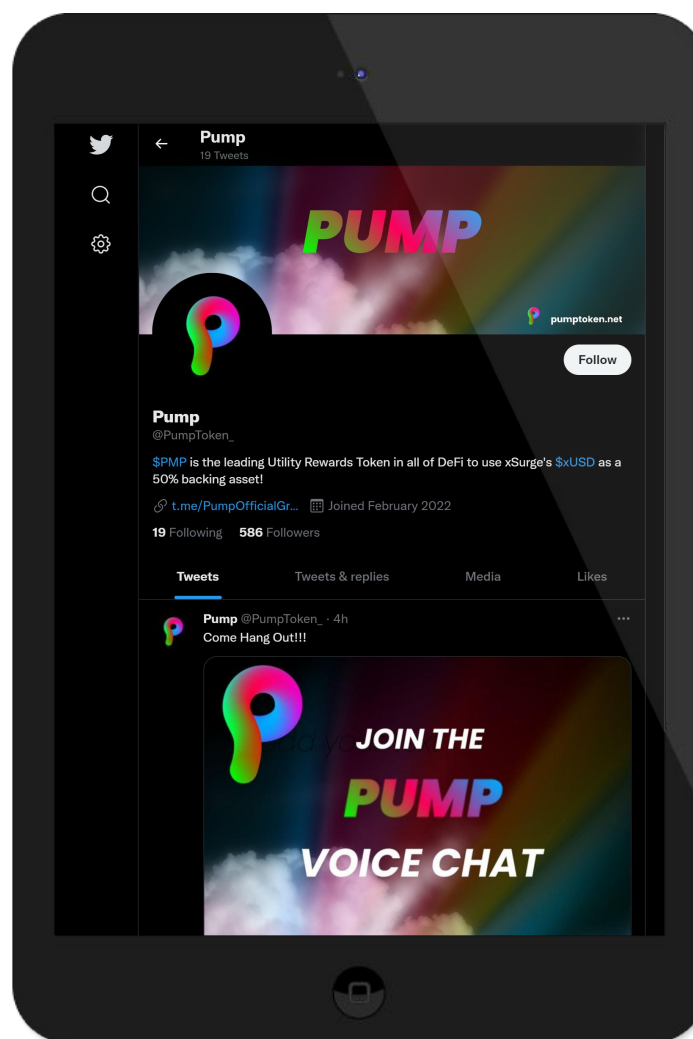
Telegram

https://t.me/PumpOfficialGroup

- 261 members
- Active members
- Active mod

Twitter

https://twitter.com/PumpToken_

- 586 Followers
- Not very active, pause of 1 month between March and Apirl ⚠️

SpyWolf

About SpyWolf

SpyWolf is a team of crypto security experts that have been performing full audits for projects for the past months in order to ensure safety on the crypto space. Our goal is to help eliminate monetary fraud through our auditing services and utility token, $SPY.

▶ Website: SpyWolf.co

▶ Portal: SpyWolf.network

▶ Telegram: @SpyWolfNework

▶ Twitter: Twitter.com/SpyWolfNetwork
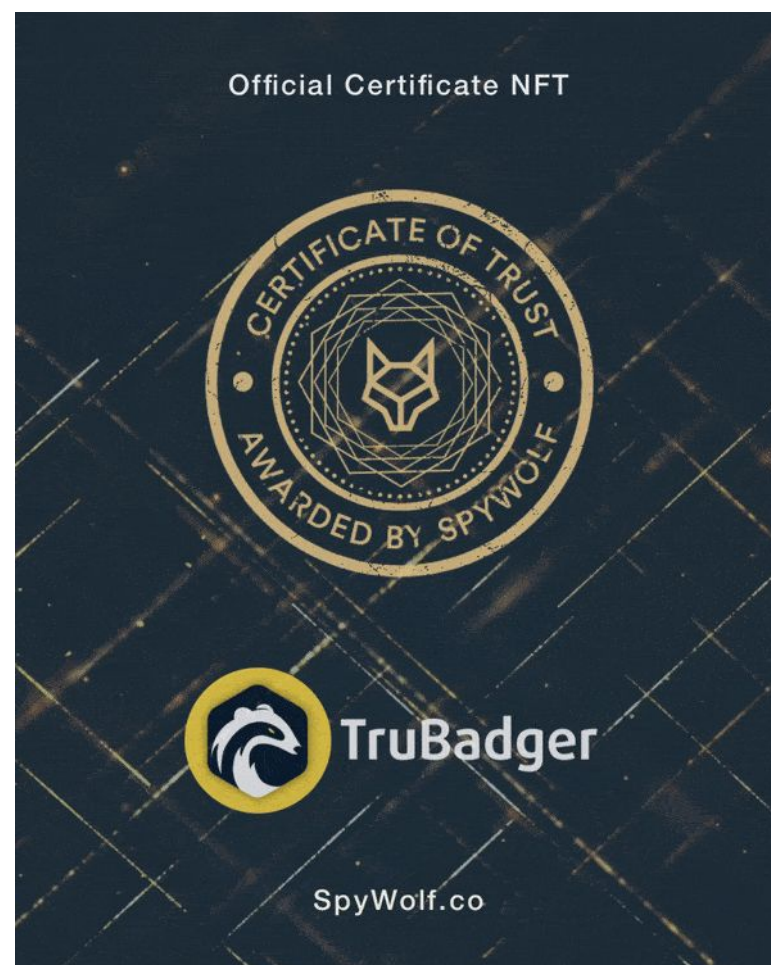
(Sample Certificate NFT for those who pass audit)

If you are interested in finding out more about our audits and Certificate of Trust NFTs, reach out to contact@spywolf.co.

Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.